

IN THE CLAIMS

Please add claims 20-23, amend claims 1, 2, 4, 7, 10 and 13, and cancel claim 17 in accordance with the following listing showing the status of all claims in the application.

1. (Currently Amended) An apparatus for capturing live insects comprising:
 - (a) an upper section having side walls, a top cover, and plural openings in the side walls that are large enough to permit insects to enter;
 - (b) an enclosed lower section;
 - (c) a funnel between the upper section and the enclosed lower section, wherein the funnel has a wide opening adjacent to the upper section and tapers to a narrow opening within the lower section; and
 - (d) a light source housed within the upper section; and
 - (e) a removable funnel insert disposed within the funnel, restricting the narrow opening of the funnel to a smaller size.

2. (Currently Amended) An apparatus ~~according to claim 1~~ for capturing live insects comprising:
 - (a) an upper section having side walls, a top cover, and plural openings in the side walls that are large enough to permit insects to enter;
 - (b) an enclosed lower section;

- (c) a funnel between the upper section and the enclosed lower section,
wherein the funnel has a wide opening adjacent to the upper section and
tapers to a narrow opening within the lower section; and
 - (d) a light source housed within the upper section,
wherein the side walls of the upper section have an inner surface that is
reflective.
3. (Original) An apparatus according to claim 2, wherein the inner surface of
the side walls is white.
4. (Currently Amended) An apparatus according to claim 1, wherein ~~in~~ the
openings in the side walls comprise vertical slots.
5. (Original) An apparatus according to claim 1, wherein the wide opening
of the funnel forms substantially all of the bottom surface of the upper section when said
apparatus is fully assembled.
6. (Original) An apparatus according to claim 1, wherein the enclosed lower
section screws into the upper section.
7. (Currently Amended) An apparatus ~~according to claim 1, wherein the~~
~~light source is~~ for capturing live insects comprising:

- (a) an upper section having side walls, a top cover, and plural openings in the side walls that are large enough to permit insects to enter;
 - (b) an enclosed lower section;
 - (c) a funnel between the upper section and the enclosed lower section, wherein the funnel has a wide opening adjacent to the upper section and tapers to a narrow opening within the lower section; and
 - (d) an ultraviolet light source housed within the upper section.
8. (Original) An apparatus according to claim 1, wherein the light source is a fluorescent lamp.
9. (Original) An apparatus according to claim 1, further comprising a hanging means attached to the top cover for hanging said apparatus.
10. (Currently Amended) An apparatus ~~according to claim 1~~ for capturing live insects comprising:
- (a) an upper section having side walls, a top cover, and plural openings in the side walls that are large enough to permit insects to enter;
 - (b) an enclosed lower section;
 - (c) a funnel between the upper section and the enclosed lower section, wherein the funnel has a wide opening adjacent to the upper section and tapers to a narrow opening within the lower section; and
 - (d) a light source housed within the upper section,

wherein the upper section has an outer surface that is substantially entirely dark.

11. (Original) An apparatus according to claim 1, wherein the enclosed lower section is removable from the upper section.

12. (Original) An apparatus according to claim 11, wherein when the enclosed lower section is removed from the upper section the funnel remains covering the enclosed lower section.

13. (Currently Amended) An apparatus ~~according to claim 11, further comprising~~ for capturing live insects comprising:

- (a) an upper section having side walls, a top cover, and plural openings in the side walls that are large enough to permit insects to enter;
- (b) an enclosed lower section;
- (c) a funnel between the upper section and the enclosed lower section, wherein the funnel has a wide opening adjacent to the upper section and tapers to a narrow opening within the lower section;
- (d) a light source housed within the upper section; and
- (e) a cover that attaches to the enclosed lower section when the enclosed lower section is removed from the upper section.

14. (Original) An apparatus according to claim 1, wherein the funnel is seated within the enclosed lower section.

15. (Original) An apparatus according to claim 1, wherein the lower section is optically transmissive.

16. (Original) An apparatus according to claim 1, wherein the funnel is optically transmissive.

17. (Canceled)

18. (Original) An apparatus according to claim 1, wherein the only passage between the upper section and the enclosed lower section is through the funnel.

19. (Original) An apparatus according to claim 1, wherein the funnel tapers at an angle of at least 45° from horizontal.

20. (New) An apparatus for capturing live insects comprising:

- (a) an upper section having side walls, a top cover, and plural openings in the side walls that are large enough to permit insects to enter;
- (b) an enclosed lower section;
- (c) a funnel between the upper section and the enclosed lower section, wherein the funnel has a wide opening adjacent to the upper section and tapers to a narrow opening within the lower section; and
- (d) a light source housed within the upper section,

wherein the openings cover approximately 30-40% of the total area that would be provided if the side walls were completely closed.

21. (New) An apparatus according to claim 20, wherein the light source comprises an ultraviolet light.

22. (New) An apparatus according to claim 20, wherein the side walls of the upper section have an inner surface that is reflective.

23. (New) An apparatus according to claim 7, wherein the side walls of the upper section have an inner surface that is reflective.